

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Marianna EL-AMIN et al.

Serial No. 09/720,543

Filed: July 7, 1999 (as PCT/US99/15281)

For: **IMPROVED METHOD FOR MIXING AND PROCESSING
SPECIMEN SAMPLES**

ATTORNEY DOCKET NO. 029658-0186

Group Art Unit: 1743

Examiner: Arlen Soderquist

TERMINAL DISCLAIMER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Your Petitioner, LaMINA, INC., represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 09/720,543, filed July 7, 1999 (as PCT/US99/15281), by virtue of an Assignment filed and recorded on June 25, 2001, on Reel 011929, Frames 0577-0581, in the United States Patent and Trademark Office, a copy of which is attached hereto as **APPENDIX A**. Further, your Petitioner represents that it is the owner of U.S. Patent No. 6,379,565, which issued on U.S. Patent Application Serial No. 09/536,616, filed March 28, 2000 (the Assignment which was recorded on September 22, 1999, on Reel 010253, Frames 0101-0102, in parent application U.S. Serial No. 09/185,606), a copy of which is attached hereto as **APPENDIX B**; and U.S. Patent No. 6,423,237, which issued on U.S. Patent Application Serial No. 08/963,873, filed November 4, 1997, by virtue of an Assignment filed and recorded on May 13, 1999, on Reel 009947, Frames 0928-0930, in the United States Patent and Trademark Office, a copy of which is attached hereto as **APPENDIX C**.

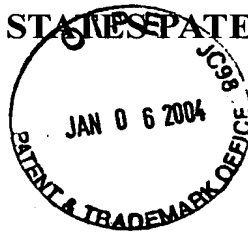
002.1129085.1

01/09/2004 MAHME1 00000067 09720543

02 FC:2814

55.00 OP

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JAN 14 2004
TC 1700



Your Petitioner, LaMINA, INC., hereby disclaims the terminal part of the term of any patent granted on the above captioned application which would extend beyond the full statutory term, as presently shortened by any terminal disclaimer, of U.S. Patent Nos. 6,379,565 and 6,423,237, and hereby agrees that any patent so granted on the above captioned application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent Nos. 6,379,565 and 6,423,237, this agreement to run with any patent granted on the above captioned application and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on the above captioned application, prior to the full statutory term of U.S. Patent Nos. 6,379,565 and 6,423,237 as defined in 35 USC §§154-156 and 173, in the event that U.S. Patent Nos. 6,379,565 and 6,423,237: expires for failure to pay a maintenance fee, is held unenforceable or is found invalid in a final judgment by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims canceled by a reexamination certificate or as a result of an interference proceeding, or is otherwise deemed not to provide the rights conveyed by 35 USC §154 prior to the full statutory term of U.S. Patent Nos. 6,379,565 and 6,423,237 as defined in 35 USC §§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any extension or restoration of term relating to any patent granted on the above captioned application, which extension or restoration is effected under 35 USC §§155, 155A or 156 or any other applicable statute.

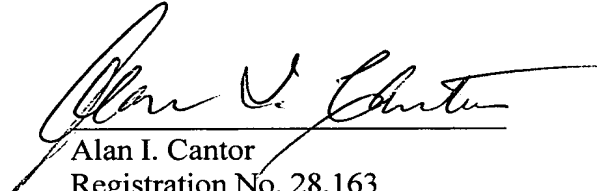
The undersigned, being the Attorney of Record for the above captioned application and duly authorized to act on behalf of Petitioner, certifies that he/she has reviewed the Assignment(s) described above, and to the best of his/her knowledge and belief, legal title in the above captioned application rests with Petitioner, LaMINA, INC.

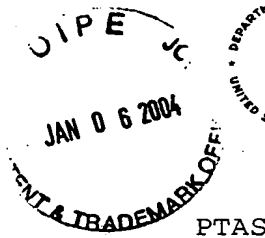
The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above captioned application or any patent issuing therefrom.

Respectfully submitted,

JAN 06 2004

Date


Alan I. Cantor
Registration No. 28,163
Attorney of Record
For: LaMINA, INC.



AIC
29458/186
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 06, 2001

FOLEY & LARDNER
ALAN I. CANTOR
WASHINGTON HARBOUR
3000 K STREET N.W., SUITE 500
WASHINGTON, D.C. 20007-5109



101766191A

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RECORDATION DATE: 06/25/2001

REEL/FRAME: 011929/0577
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

EL-AMIN, MARIANNA

DOC DATE: 06/18/2001

ASSIGNOR:

GUIRGUIS, RAOUF A.

DOC DATE: 06/21/2001

ASSIGNOR:

SAMAAN, NASHED

DOC DATE: 06/18/2001

ASSIGNEE:

LAMINA, INC.
2190 FOX MILL ROAD
SUITE 100
HERNDON, VIRGINIA 20171

SERIAL NUMBER: 09720543
PATENT NUMBER:

FILING DATE: 06/25/2001
ISSUE DATE:

APPENDIX
A

011929/0577 PAGE 2

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

U.S. Rights--Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

LAMINA, INC.
Suite 100
2190 Fox Mill Road
Herndon, Virginia 20171

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

IMPROVED METHOD FOR MIXING AND PROCESSING SPECIMEN SAMPLES

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
 ☐ executed on _____
 ☒ Serial No. PCT/US99/15281 Filed July 7, 1999

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Marianna EL-AMIN	Signature: <i>Marianna Elamin</i>	Date: 6-18-2001
Name: Raouf GUIRGUIS	Signature:	Date:
Name: Nashed SAMAAN	Signature: <i>Nashed Samaan</i>	Date: 6/18/01
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name: WAEL-ELAMIN	Signature: <i>Wael Elamin</i>	Date: 6/18/01
Name: OLGA VLAD	Signature: <i>Olga Vlad</i>	Date: 6-18-2001

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

U.S. Rights--Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

*LAMINA, INC.
Suite 100
2190 Fox Mill Road
Herndon, Virginia 20171*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

IMPROVED METHOD FOR MIXING AND PROCESSING SPECIMEN SAMPLES

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
 ☐ executed on _____
 ☒ Serial No. PCT/US99/15281 Filed July 7, 1999

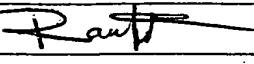
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: Marianna EL-AMIN	Signature:	Date:
Name: Raouf GUIRGUIS	Signature: 	Date: 6/21/01
Name: Nashed SAMAAAN	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
<i>NAMES AND SIGNATURES OF WITNESSES</i>		
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

DECEMBER 08, 1999

FOLEY & LARDNER
BERNHARD D. SAXE
3000 K STREET, N.W.
SUITE 500
WASHINGTON, D.C. 20007-5109



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Washington, D.C. 20231



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RECORDATION DATE: 09/22/1999

REEL/FRAME: 010253/0101
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GUIRGUIS, RAOUF A.

DOC DATE: 08/26/1999

ASSIGNOR:

MACLEAN-BLEVINS, MARK T.

DOC DATE: 07/26/1999

ASSIGNEE:

LAMINA, INC.
2190 FOX MILL ROAD
HERNDON, VIRGINIA 20171

SERIAL NUMBER: 09185606

PATENT NUMBER:

FILING DATE: 11/04/1998

ISSUE DATE:

SONYA JOHNSON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

APPENDIX
B

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto **LaMina, Inc.**

name and
address of
assignee

**2190 Fox Mill Road
Herndon, Virginia 20171**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of
invention

**METHOD AND APPARTUS FOR MIXING AND SEPARATING PARTICULATE
MATTER FROM A FLUID**

as set forth in this United States Patent Application

check one

executed concurrently herewith
executed on _____

☒ Serial No. 09/185,606 Filed November 4, 1998

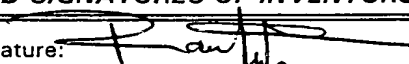
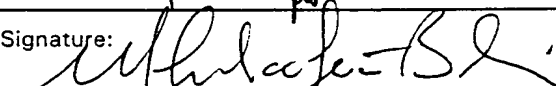
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Raouf A. GUIRGUIS	Signature: 	Date: 8/26/99
Name: Mark T. MACLEAN-BLEVINS	Signature: 	Date: 7/26/1999
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

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RECORDATION DATE: 05/13/1999

REEL/FRAME: 009947/0928
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GUIRGUIS, RAOUF A.

DOC DATE: 05/05/1999

ASSIGNEE:

LAMINA, INC.

2190 FOX MILL ROAD, SUITE 100
HERNDON, VIRGINIA 20171

SERIAL NUMBER: 08963873

PATENT NUMBER:

FILING DATE: 11/04/1997

ISSUE DATE:

MAURICE CARTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

APPENDIX

C

ASSIGNMENT - WORLDWIDE

Attorney Docket: 29658/0118

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

LaMina, Inc.
2190 Fox Mill Road
Suite, 100
Herndon, VA 20171

its successors and assigns (hereinafter, the "Assignee"), the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention in

METHOD AND APPARATUS FOR MANUALLY SEPARATING PARTICULATE MATTER FROM A LIQUID SPECIMEN

as set forth in United States Patent Application

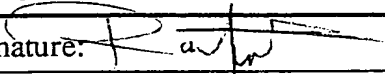

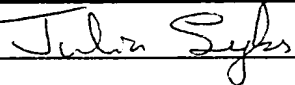
_____ executed concurrently herewith

_____ executed on _____

_____ Serial No. 08/963,873 filed November 4, 1997

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said invention or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said invention or upon said applications and every priority right that is or may be predicated upon or arise from said invention, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on said invention in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said invention, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said invention or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said invention, and to testify in any proceedings relating to said invention, patent applications and Letters Patent.

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Raouf A. GUIRGUIS	Signature: 	Date:  5/5/99
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name: JULIA SYKES	Signature: 	Date: 5/5/99
Name:	Signature:	Date:

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IPT-407:4/90(1)(modified)